| <u>Ir</u> | idex c | of Cla | ıms |
|-----------|--------|--------|-----|
| | | | |
| | | | |
| | | | |

| Application/Contro | No. |
|--------------------|-----|
| | |

10/687,451 Examiner

Todd M. Epps

Applicant(s)/Patent under Reexamination

ERNST ET AL.
Art Unit

3632

√ Rejected
= Allowed

| - | (Through numeral) Cancelled |
|---|--------------------------------|
| ÷ | Restricted |

| N | Non-Elected |
|---|--------------|
| - | Interference |

| A | Appeal |
|---|----------|
| 0 | Objected |

| | | | | | | | | L | | | |
|----------|--------------------------------------|----------|--------------|-----------|----------------|--|-----------------|--|----------------|----------------------|---|
| | _ | D : 4 : | | | | | | | | | |
| Cla | ıim | Date | | | | | | | | | |
| | al | 5 | | | | | | l | | | |
| Final | jin | 8 | | | | | | | - 1 | | |
| Ϊ́Ξ | Original | 9/22/05 | | | | | İ | | | - 1 | |
| | | | | | | | | | | | |
| | 1 2 3 4 5 6 7 8 | 1 | | | | | | | | _ | |
| <u></u> | 2 | 1 | | | | | | _ | | | |
| | 3 | - | | | | | | _ | _ | \dashv | |
| <u> </u> | 4 | - | | | | Ш | | | | | |
| | 5 | - | | _ | | | | | | \dashv | |
| | 6 | • | | | | | | | | \dashv | |
| | / | - | | | | | | \dashv | | | |
| | 8 | 1 | | | - | - | | \dashv | | | |
| - | 9 | - | | • | | - | | | | \dashv | |
| | 10 11 | - | | | | | | | | \dashv | |
| | 12 | - | | | | | | | | $\vdash \vdash$ | |
| | 12 | - l | | <u> </u> | | \vdash | \vdash | | | $\vdash \vdash \mid$ | |
| <u> </u> | 14 | 1 | | | | - | | | | H | |
| <u> </u> | 15 | 1 | | | | | | | | \vdash | |
| | 12 13 14 15 16 17 | - | | - | | | $\vdash \vdash$ | | | $\mid \mid \mid$ | |
| | 17 | - | | | | | | | | | |
| - | 18 | - | - | | | | | | | H | |
| - | 19 | - | | \vdash | \vdash | | | | | | |
| | 20 | - | _ | | | | | | | | |
| | 21 | - | | | | <u> </u> | | | | | |
| | 22 | 1 | | | \vdash | | | | | | |
| | 23 | 1 | | | | T | | | | П | |
| | 24 | 1 | | 1 | | | | | | | |
| | 25 | 1 | | | | | | | | | |
| | 26 | 1 | | | | | | | | | |
| | 27 | - | | | | | | | | | |
| | 28 | - | | | | | | | | | |
| | 29 | - | | | | | | | _ | | |
| | 30 | 1 | | | | | | | | | |
| | 31 | | | <u> </u> | | L | | <u> </u> | | | |
| | 32 | <u> </u> | | | 上 | | | | | | |
| | 33 | <u> </u> | _ | _ | | ļ | _ | <u> </u> | <u> </u> | | |
| <u> </u> | 34 | - | <u> </u> | _ | \vdash | <u> </u> | | <u> </u> | | - | |
| | 35 | | | <u> </u> | - | | _ | _ | | - | |
| - | 36 | ┼ | | - | - | | ├ | . | — | | |
| - | 37 | - | | - | + | \vdash | - | | \vdash | - | 1 |
| | 38 | - | - | \vdash | \vdash | ┼ | ┼ | | - | | 1 |
| | 39 40 | + | | | - | +- | \vdash | | | \vdash | 1 |
| | 41 | +- | - | \vdash | + | ┼ | +- | \vdash | | - | 1 |
| | 42 | + | +- | + | + | + | _ | | - | | 1 |
| - | 43 | 1- | \vdash | \vdash | +- | + | | | | | 1 |
| | 44 | - | - | \dagger | 1 | + | | T | \vdash | | 1 |
| | 45 | 1- | | + | +- | + | | | | | 1 |
| | 46 | 1 | \vdash | \dagger | \top | 1 | 1 | | | 1 | 1 |
| | 47 | 1 | | 1 | 1- | † | 1 | | | 1 | 1 |
| | 48 | | | \top | 1 | 1 | T | | <u> </u> | 1 | 1 |
| | 49 | | | | | | | | | |] |
| | 50 | | | | | | | | | | |

| Claim Date | | | | | | | | | | |
|------------|----------|--|----------|----------------|--|--|--|--|----------|--|
| Final | Original | | | | | | | | | |
| ш | ō | | | | | | | | | |
| | 51 | | | | | | | | | |
| | 52 | | | | <u> </u> | | | | | |
| | 53 | | _ | <u> </u> | | | | | | |
| - | 54 55 | | | | - | | | | | |
| | 56 | | | | | - | | | | \vdash |
| | 57 | | | | | | | | | |
| | 58 | | | | | | | | | |
| <u> </u> | 59 | _ | | _ | <u> </u> | | | | | |
| <u></u> | 60 61 | _ | | ├ | - | | | | | |
| | 62 | | - | \vdash | - | ├─ | | | | |
| | 63 | | | \vdash | - | | | | - | H |
| | 64 | | | | | | | | | |
| | 65 | | | | <u> </u> | | | | | |
| | 66 | | - | - | _ | | _ | | | _ |
| | 67 68 | ŀ | - | - | ├ | ┢ | | | | - |
| - | 69 | \vdash | - | \vdash | \vdash | - | | | \vdash | |
| | 70 | | | 1 | | | | | | |
| | 71 | | | | | | | | | |
| | 72 | | | | | <u> </u> | | _ | _ | |
| - | 73 | _ | ┡ | - | - | - | <u> </u> | _ | | _ |
| - | 74 75 | | \vdash | ┼ | - | - | | | \vdash | - |
| - | 76 | - | H | | 1 | | T | | - | \vdash |
| | 77 | | | | | | | | | |
| | 78 | | | _ | | _ | ļ | | ļ | |
| | 79 | | _ | \vdash | ┼- | ├ | | <u> </u> | | - |
| | 80 | - | - | \vdash | ╁╌ | ╂ | | | | ├ |
| | 82 | \vdash | \vdash | \vdash | + | \vdash | | _ | \vdash | |
| | 83 | 1 | 一 | 1 | | | | | | |
| | 84 | | | | | Ţ | | | | |
| | 85 | igspace | <u> </u> | 1 | _ | | 1_ | _ | - | _ |
| | 86 | ├- | ┼- | ╂— | ├- | . | ┼ | - | | - |
| - | 87 | ╁ | ╁┈ | ╅— | ╁ | + | ╁━ | - | | ╁┈ |
| - | 89 | | - | 1 | T | - | 1 | | 一 | T |
| | 90 | | | | | <u> </u> | | | | |
| | 91 | | | | | | | | | ļ |
| | 92 | _ | - | + | - | - | _ | _ | - | - |
| - | 93 | - | + | 1 | +- | + | +- | ├- | + | ╁ |
| | 95 | + | + | + | + | + | + | - | + | + |
| - | 96 | + | + | + | \top | + | 1 | | | |
| | 97 | | | | | | | | | |
| | 98 | | | | | \prod | 1 | | | - |
| <u> </u> | 99 | - | - | - | - | + | - | 1 | \perp | + |
| | 100 | | 1. | | | | | ل | <u> </u> | |

| Cla | aim | | | | | Date | | | | \neg |
|------------------|-------------------|--------------|----------------|--|--------------|----------------|--------------|--------------|--------------|----------|
| | | 1 | | | | | | | | ヿ |
| ā | Original | | | | | | | | | |
| Final | rig | | | | | | | | | . 1 |
| _ | 0 | | | | | | | | | |
| | 101 | | | | - | | | | | |
| | 102 | | | | | | | | | 一 |
| | 102 103 | | | \vdash | | | | | | \neg |
| | 104 | | | | | | | | | |
| | 105 106 107 | | | | | | | | | \Box |
| | 106 | | | | | | | | | |
| | 107 | | | | | | | | | |
| * | 108 109 | | | | | | | | | |
| | 109 | | _ | | | | | | | |
| · · · <u>-</u> · | 110 | | | | | | | | | |
| | 111 | | | | | | | | | |
| | 111 112 | | | | | | | | | |
| | 113 | | | | | | | | | |
| | 113 114 | | | | | | | | | |
| | 115 | | | | | | | | | |
| | 116 | | | | | | | | | |
| | 117 | | | | | | | | | |
| | 118 | | | | | | | | <u> </u> | |
| | 119 | | | | | | | | | |
| | 120 | | | | | <u>L</u> | | | | |
| | 121 | L_ | | | | | | | | |
| | 122 | | | | | 1 | | <u> </u> | | |
| | 123 | _ | | <u> </u> | | | 丄 | | 匚 | |
| | 124 | $oxed{oxed}$ | L | | | | <u> </u> | <u> </u> | ╙ | |
| | 125 | <u> </u> | | | | | | <u> </u> | <u> </u> | Щ |
| | 126 | <u> </u> | | $oxed{oldsymbol{oldsymbol{oldsymbol{eta}}}}$ | <u> </u> | igspace | | <u> </u> | <u> </u> | |
| | 127 | _ | _ | | ļ | <u> </u> | 1 | ļ | _ | Ш |
| | 128 | <u> </u> | <u> </u> | | Ļ | <u> </u> | ļ | <u> </u> | igspace | |
| | 129 | <u> </u> | ļ <u> </u> | <u> </u> | <u> </u> | _ | | <u> </u> | <u> </u> | |
| | 130 | _ | ↓_ | _ | <u> </u> | | \vdash | _ | ļ | |
| | 131 | _ | <u> </u> | <u> </u> | igspace | \downarrow | | ļ | | |
| | 132 | igspace | _ | _ | | ╽_ | | ┞ | ļ | ļi |
| | 133 | | - | \vdash | _ | ╁— | ╀ | <u> </u> | - | <u> </u> |
| <u> </u> | 134 | <u> </u> | ļ | ↓_ | ╄ | | | - | | |
| | 135 | — | | ┼ | ├ | ╁— | + | \vdash | | — |
| <u> </u> | 136 | | | ├ | ├ | - | ┼ | ┼ | | ┼ |
| | 137 | \vdash | - | - | ╀ | ┼- | | ╀ | \vdash | ┼— |
| <u> </u> | 138 | ╀ | ╁ | ╀ | ╀ | ┼ | + | ╀ | ╂─ | - |
| | 139 | | ╀ | +- | | ╀ | + | ┼ | +- | + |
| | 140 | ╁ | ┼— | + | ╀ | ╁ | +- | ╁ | ┼ | ╁─ |
| - | 141 | | | + | +- | +- | + | - | - | +- |
| - | 142 | ┼ | - | \vdash | - | +- | + | +- | | ┼─ |
| | 143 | +- | - | - | + | + | + | - | +- | +- |
| - | 144 | + | - | + | + | | + | + | - | ┼ |
| <u> </u> | 145 | | \vdash | | +- | + | +- | + | + | + |
| | 146 | + | + | + | + | +- | +- | + | + | + |
| - | 148 | +- | ┼ | + | + | ╁ | + | + | | +- |
| | 148 | + | + | +- | +- | + | ╫ | + | + | +- |
| | 150 | | - | + | + | +- | +- | + | + | +- |
| | 1 150 | 1 | Т. | | 1 | | | <u>i</u> | 1 | |